

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions of claims in the application.

1-15. (Canceled)

16. (Currently amended) ~~[[The]]~~An imaging device of claim 12 comprising at least four image capturing apparatus and a sensor array divided between at least four image capturing apparatus, wherein each apparatus comprising a lens system and a portion of the sensor array configured to produce an electric signal, each apparatus being arranged to produce an image comprising pixels, the device further comprising a processor operationally connected to the sensor arrays and configured to produce an image proportional to the electrical signal received from the sensor arrays, three image capturing apparatus being configured to produce a color image and the fourth image capturing apparatus produces being configured to produce an infra-red images image, and the device comprises a processor configured to combine at least a portion of the images with each other using an averaging method for each pixel to be combined to produce an image with an enhanced image quality.

17-31. (Canceled)

32. (Currently amended) ~~[[The]]~~A method of claim 30 creating an image file in an imaging device, further comprising[[:]] producing images with a sensor array and four image capturing apparatus, each apparatus using one lens from a lenslet array and a portion of the sensor array, producing a color image with three image capturing apparatus, producing an infra-red image with the fourth image capturing apparatus and combining at least a portion of the images with each other using an averaging method for each pixel to be combined to produce an image with an enhanced image quality.

33-38. (Canceled)

39. (Currently amended) An imaging device comprising at least two image capturing apparatus, each apparatus being arranged to produce an image, ~~where in~~wherein at least one image capturing apparatus is ~~[[used]]~~dedicated for measuring exposure parameters.

40. (Currently amended) The imaging device of claim 39, comprising at least four image capturing apparatus, wherein three image capturing apparatus each comprise an unique colour filter from a group of filters red, green or blue or from a group of filters cyan, magenta or yellow.

41. (Previously presented) An imaging device comprising at least two image capturing apparatus and a sensor array configured to produce an electric signal when exposed to light, the sensor array being divided between at least two image capturing apparatus.

42. (Currently amended) A method of creating an image file in an imaging device, comprising producing images with at least two image capturing apparatus and using at least one image capturing apparatus only for measuring exposure parameters.